

All wind pressures include a load factor of 0.6

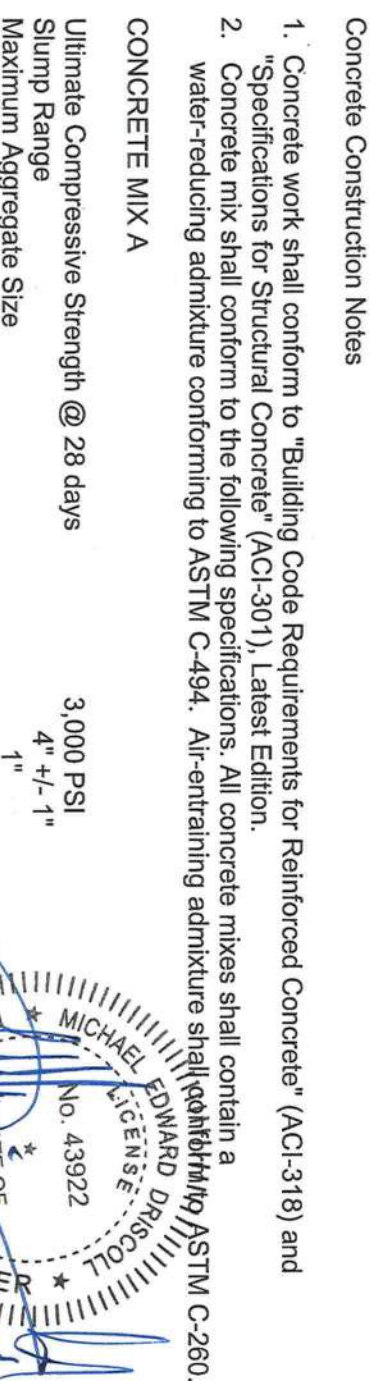
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|---|----------------------|
| ULTIMATE WIND SPEED: 130 | SHEARWALLS |
| NOMINAL WIND SPEED: 108 | 100'-0" LONGITUDINAL |
| WIND EXPOSURE CATEGORY: B | 30'-0" TRANSVERSE |
| RISK CATEGORY II | |
| INTERNAL PRESSURE COEFFICIENT $G_{cpi} = \pm 0.18$ | |
| DESIGN PRESSURE PER FBC CHAPTER 16, INCLUDING ASCE 7-22 LOAD CALCULATIONS | |
| ROOF LIVE LOAD = 20 PSF | |
| FLOOR LIVE LOAD 40 PSF | |

ROOF DEAD LOAD = 7.5 PSF

MIN SOIL BEARING 2500 PSF
TRUSS BEARING LOAD EACH END 5400LB
TRUSS UPLIFT @ POST 3600LBS

1. Wood framing and fasteners to meet NDS-2018 requirements.
2. Fastener requirements: (1) All nails are Common galvanized; (2) all bolts are to be galvanized steel and include

2306.3.(#) FBC unless otherwise indicated. Note: fasteners exposed to the weather are to be treated for weather resistance and compatible with the type of pressure treated wood used (connectors, nails, bolts, nuts and washers).

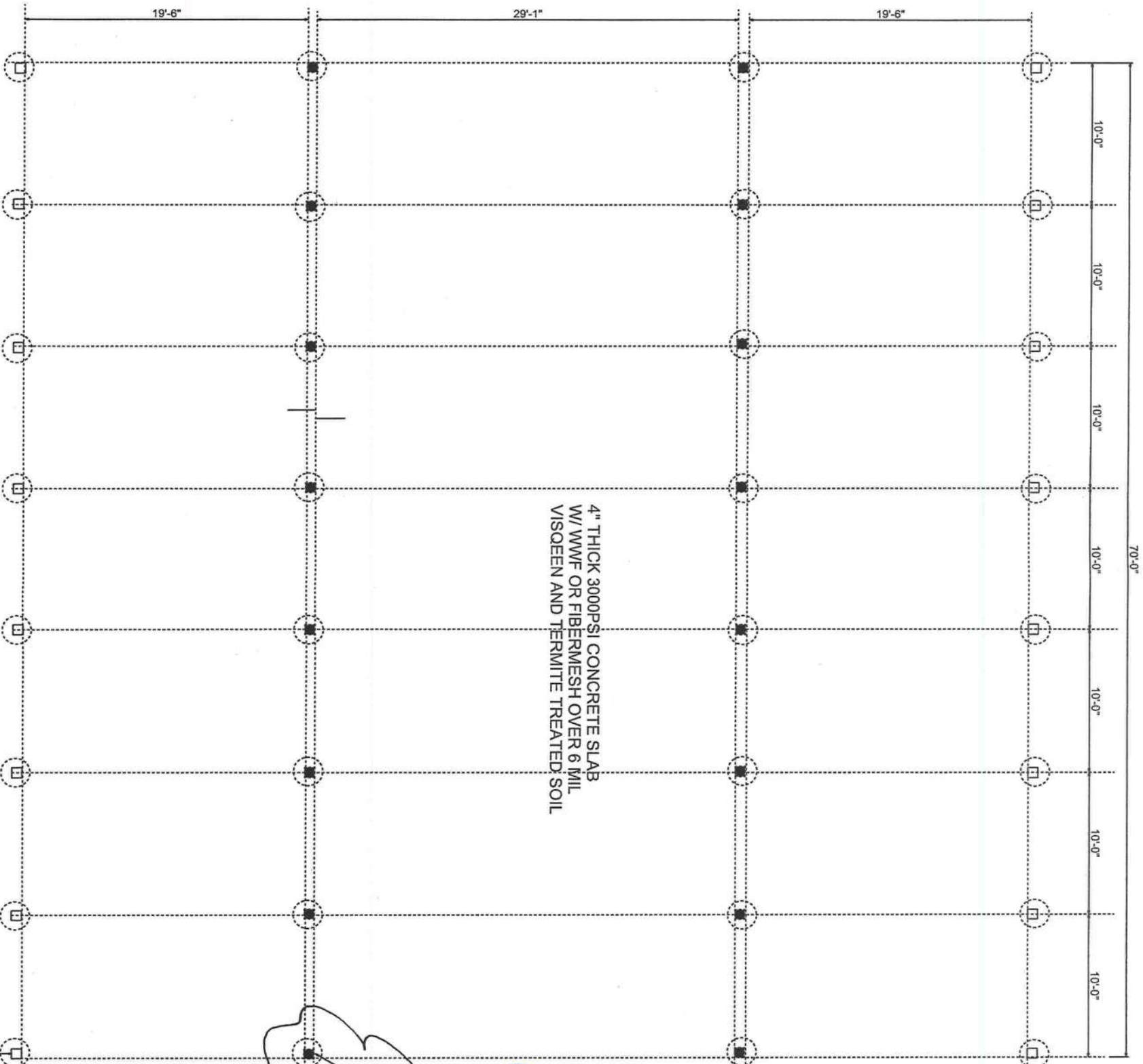


3. All concrete shall be cured for a minimum of 28 days. If forms for vertical surfaces are removed prior to the end of the curing period, spray surfaces with liquid membrane curing compound.
4. Reinforcing steel shall conform to ASTM A615, Grade 40 ($F_y=40$ ksi). Lap continuous bars for tension lap splice per ACI-318, unless otherwise noted. Provide corner bars of same size and spacing as horizontal wall reinforcement. Cover for concrete reinforcing steel shall be in accordance with ACI-318, Paragraph 7.7.
5. Welded wire fabric (WWF) shall conform to ASTM A185. Lap sheets two mesh spaces and wire tie adjacent sheets together securely. Cut alternate reinforcement at control joints.
6. All slabs on grade shall have construction or control joints not to exceed 10' - 0" spacing, unless otherwise noted.
7. Electrical conduit and other pipes to be embedded in structural concrete floor slabs or walls shall be placed in accordance with the requirements of ACI-318, Paragraph 6.3.

11-16-23 rev: 2-8-24
Michael E Driscoll PE
FL Reg # 43922
Structural only



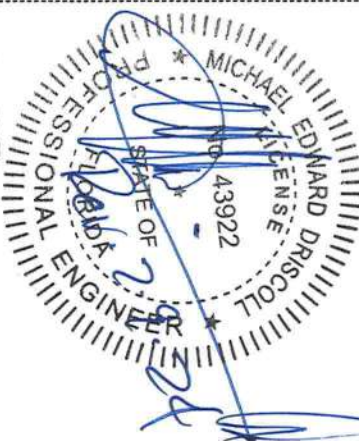
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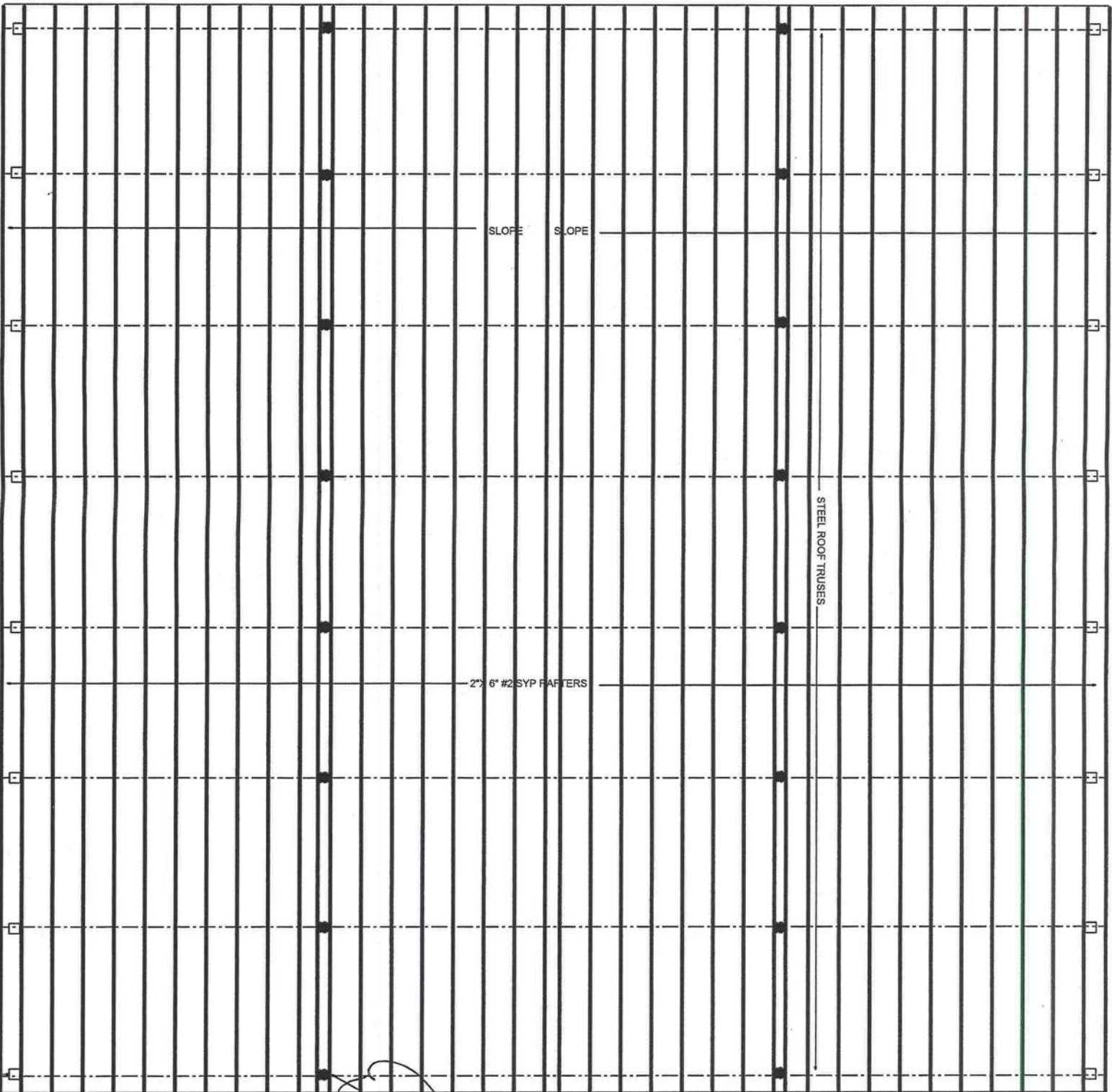


FOUNDATION PLAN VIEW

3/16" = 1'-0"

6"X 6" pt post
24" dia. x 48" deep
post footing (typ)
REV: 2-8-24





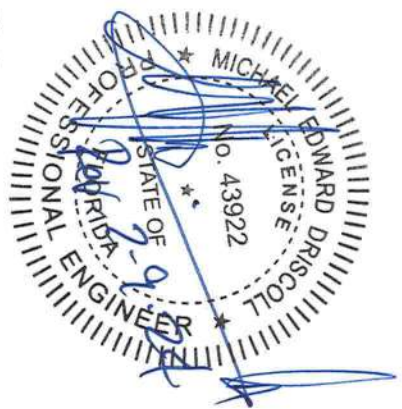
ROOF PLAN VIEW

3/16" = 1'-0"

6"X 6" pt post
24" dia. x 48" deep
post footing (typ)

6"X 6" pt post
24" dia. x 48" deep
post footing (typ)

ME: 2.8.24



COPELAND
134 SW SEDGEFIELD FARMS GLEN
FT WHITE, FL. DB23-793

SHEET:

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11-16-23
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